



GRUNT

Community Experience Distilled

Getting Started with Grunt: The JavaScript Task Runner

A hands-on approach to mastering the fundamentals of Grunt

Jaime Pillora

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Getting Started With Grunt The Javascript Task Runner

Pillora Jaime

James Cryer



Getting Started With Grunt The Javascript Task Runner Pillora Jaime:

Getting Started with Grunt: The JavaScript Task Runner Jaime Pillora, 2014-02-19 A step by step practical tutorial to help you transform into a Grunt power user This book is for JavaScript developers who want to get to grips with GruntJS and use it to build and test their JavaScript applications The only requirement for this book is a basic understanding of objects and functions in JavaScript

Getting Started with Grunt Jaime Pillora, 2014 [Introducing Grunt](#) Daniel Linn, 2015 Speed up and streamline web development by automating workflows with Grunt About this video automate your workflows to decrease the amount of time spent on menial tasks cut out time consuming extra steps and make it easy for everyone to share the same workflow tools combine all the tasks used in the course to create a concise and compact deployment package

Resource description page **Pro Grunt.js** James Cryer, 2015-04-02 Pro Grunt js gets you quickly up to speed with this popular JavaScript based task runner Author James Cryer takes you from initial installation all the way through to authoring successful plugins Using hands on examples you will learn about CSS linting combination compilation and minification JavaScript linting AMD modules and templates image processing and optimizing and creating a local server You will then move on to more advanced topics such as LiveReload Test Automation Modular configuration and combining tasks Finally you will see how to scaffold plugins using Grunt init and Yeoman how to test them with Mocha and Chai and how to publish them so others can use them Start using Grunt js to improve your workflows by using Pro Grunt js today [Learning Grunt](#)

Douglas Reynolds, 2016-03-28 Monitor and automate complex JavaScript tasks and processes by obtaining a practical understanding of Grunt About This Book Gain a solid knowledge of Grunt to achieve better process management by improving consistency productivity reliability and quality of code Install configure and use plugins into your project with this hands on guide This step by step tutorial will walk you through practical examples of workflow automation Who This Book Is For If you are a JavaScript developer and want to learn project monitoring and automation using Grunt then this book is for you Basic knowledge of Node js and Angular js is assumed However no previous experience using Grunt js is required What You Will Learn Install and configure Grunt and its dependencies such as Node js and Node Package Manager NPM Create a sample application using Angular JS Configure plugins to perform various tasks that will benefit your project Explore the task specific methods available through the Grunt API such as configuration externals events and logging Set up tasks to automate the build process of the simple contact application Build test and refine a sample project Get general tips tricks and troubleshooting strategies to identify and solve common issues in Grunt Advance your knowledge of Grunt with concepts such as configuration variables and test automation In Detail With the increasing focus on task automation the Grunt task runner is a vast platform that allows you to incorporate automation into your workflows At the outset you will learn how to use Node js and NPM through an example You will then find out how to build a sample app and the development environment for it You will further delve into the implementation of Grunt plugins and the configuration of Grunt tasks Furthermore you

will explore the various methods and packages for workflow automation The final chapter will cover some advanced concepts such as configuration variables and how to create a Grunt plugin By the end of the book you will have gained the fundamentals of Grunt and progressed through advanced concepts including building a Grunt plugin Style and approach This book is an easy to follow step by step tutorial that provides explanations and examples of deploying Grunt from scratch

Automate with Grunt Brian P. Hogan, 2014-04-23 Grunt is everywhere JavaScript projects from jQuery to Twitter Bootstrap use Grunt to convert code run tests and produce distributions for production It's a build tool in the spirit of Make and Rake but written with modern apps in mind This book gets you up to speed with Grunt using practical hands on examples so you can wrangle your projects with ease You'll learn how to create and maintain tasks and project builds and automate your workflow with plugins and IPS tasks JavaScript has moved from being the language you love to hate to the language you need to use And as JavaScript applications get more complex you need a process to manage that complexity While online tutorials just explain how to slap together a configuration file this book goes further and shows you how to create your own tasks design your own project templates combine plugins together to bring a web app to life and build your own plugins You'll start by learning the basics of task creation error handling and logging as you create a simple configuration that executes basic JavaScript code using Node.js Then you'll jump right into file manipulation as you read write copy and delete files You'll learn how Grunt's powerful multitasks work as you build a task to concatenate files together Once you've got a grasp on these basics you'll build a simple app with AngularJS and CoffeeScript using Grunt to do all the heavy lifting and script processing Finally you'll create your own plugin so you can understand how plugins work Each chapter contains hands on exercises and ideas for further study Whether you rock Ruby or sling C Grunt will be a useful addition to your toolbox What You Need This book covers Grunt 0.4.1 and higher and requires basic knowledge of JavaScript and command line tools on Windows OS X or Linux

Efficient JavaScript Automation with Grunt Richard Johnson, 2015-06-20 Efficient JavaScript Automation with Grunt Efficient JavaScript Automation with Grunt delivers a comprehensive and forward thinking guide to mastering build automation in the modern JavaScript ecosystem Beginning with an in depth exploration of Grunt's historical context and its position alongside tools like Gulp Webpack and npm scripts this book offers clear guidance on when and why Grunt remains an optimal choice Readers are introduced to the underlying philosophies of efficient automation best practices for integrating Grunt into complex toolchains and frameworks for future proofing build processes amidst evolving standards Moving seamlessly from high level architecture to practical implementation the book demystifies project setup modular task structure and maintainable configuration strategies It provides hands on details for leveraging both built in and community plugins integrating asset pipelines testing and quality engineering tasks into robust reliable workflows Dedicated chapters on custom task creation performance tuning and advanced file system management ensure readers can design fast secure and scalable automation practices suited to diverse application needs Designed for professionals aiming to elevate their CI/CD

pipelines and automation security to enterprise standards this book extends beyond JavaScript to demonstrate Grunt's value in polyglot and distributed environments Readers will learn strategies for migration modernization and integration with modern frameworks as well as practical advice on maintaining auditability compliance and team wide adoption Whether you're evolving a legacy process or architecting cutting edge DevOps automation Efficient JavaScript Automation with Grunt provides the expert guidance required for sustainable success

GRUNT Js Arkadiusz Włodarczyk, 2017 As a front end developer you have to do many time consuming tasks Grunt is a task runner automating the web development tasks it will save you a lot of precious time As always time money Save your time by learning Grunt Sample tasks that are going to be executed for you by Grunt compressing of CSS and JS files making files smaller means that your website will load faster merging CSS and JS files you can maintain many JS CSS files and at the end user only one This is decreasing the number of required requests which also improves the website's loading speed optimizing your images reducing their file sizes without affecting quality automatically adding vendor prefixes you won't need to worry about vendor prefixes anymore Grunt gives you a perfect solution with no performance hit and nothing new to learn Finding JavaScript bugs almost instantly bugs in JS are the hardest to spot With JSHint one of the Grunt plugins you can forget about this problem and much more there are over 4 000 plugins available After my course you will know everything I mentioned above Set it once and enjoy your saved time Build your websites faster and avoid repetitive work Resource description page

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